

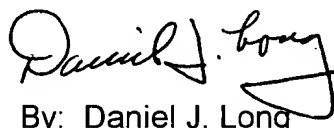
35 USC § 112.

The Applicant thanks the Examiner for pointing these matters out.

A Terminal Disclaimer of the term over the term of U.S. Patent No. 4,370,800 is enclosed. Withdrawal of the double patenting rejection is requested.

Respectfully submitted at Canton, Ohio this 28th day of March, 2001.

SAND & SEBOLT



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7. A method for removing metal compounds comprising copper metal compounds from waste water comprising the steps of:

(a) adjusting the pH of the waste water to from about 5 to about 12;

(b) aerating the waste water;

β (c) agitating the waste water, where steps (a), (b) and (c) are carried out simultaneously in a reaction tank and waste water is aerated in said reaction tank to provide a dissolved oxygen concentration at from about 0.01 lb./hr. to about 70 lbs./hr. at a waste water input flow rate of from about 50 gal./min. to about 500 gal./min. for a copper metal concentration of from about 50 mg./L to about 1,000 mg./L;

(d) then adding a flocculating agent polymer selected from a group consisting of cationic and anionic polymers to the water and allowing floccules including said copper metal compounds to form; and

(e) then separating said floccules including said copper metal compounds from the water.

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3 8. The method of claim 2 wherein additional flocculating agent polymer is added to at least
a portion of the waste water containing the flocculated copper metal compounds separated
in step (e).

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410. The method of claim 3 wherein after the addition of the additional flocculating agent
polymer, the flocculated copper metal compounds are dewatered in step (f) in a belt [of]
filter press.

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By ⁷18. The method of claim ⁶12 wherein additional flocculating agent is added to at least a portion of the flocculated copper metal compounds separated in step (e).

8 14⁸ 3⁷ The method of claim 12 wherein after the addition of the additional flocculating agent
Bs polymer, the flocculated copper metal compounds are dewatered in step (f) in a belt filter
press.

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B6 17 23. The method of claim 22 wherein after the additional flocculating agent is added to the
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flocculated metal compound is dewatered in step (f) in a belt filter press.

7. (Amended) A method for removing metal compounds comprising copper metal compounds from waste water comprising the steps of:

(a) adjusting the pH of the waste water to from about 5 to about 12;

(b) aerating the waste water;

(c) agitating the waste water, where steps (a), (b) and (c) are carried out simultaneously in a reaction tank and waste water is aerated in said reaction tank to provide a dissolved oxygen concentration at from about 0.01 lb./hr. to about 70 lbs./hr. at a waste water input [plow] flow rate of from about 50 gal./min. to about 500 gal./min. for a copper metal[s] concentration of from about 50 mg./L to about 1,000 mg./L;

(d) then adding a flocculating agent polymer selected from a group consisting of cationic and anionic polymers to the water and allowing floccules including said copper metal compounds to form; and

(e) then separating said floccules including said copper metal compounds from the water.

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9. (Amended) The method of claim 8 wherein additional flocculating agent polymer is added to at least a portion of the waste water containing the flocculated copper metal compounds separated in step (e).

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10. (Amended) The method of claim 9 wherein after the addition of the additional flocculating agent polymer, the flocculated copper metal compounds are [is] dewatered in step (f) in a belt [of] filter press.

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13. (Amended) The method of claim 12 wherein additional flocculating agent is added to at least a portion of the flocculated copper metal compounds separated in step (e).

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14. (Amended) The method of claim 13 wherein after the addition of the additional flocculating agent polymer, the flocculated copper metal compounds are [is] dewatered in step (f) in a belt filter press.

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23. (Amended) The method of claim 22 wherein after the additional [polymer] flocculating agent is added to the flocculated metal compound is dewatered in step (f) in a belt filter press.

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